

## POTENT ABSTRACTS OF JAPAN

(11)Publication number : 2001-302598

(43)Date of publication of application : 31.10.2001

(51)Int.Cl.

C07C213/02  
 C07C217/90  
 C07D207/333  
 C07D207/416  
 C07D307/42  
 C07D307/52  
 C07D307/68  
 C07D333/40

(21)Application number : 2000-128431

(71)Applicant : INST OF PHYSICAL & CHEMICAL  
RES

(22)Date of filing : 27.04.2000

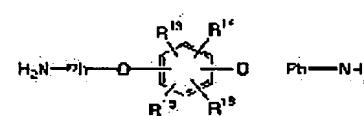
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## (54) METHOD FOR PRODUCING AROMATIC POLYAMINE AND AROMATIC DIAMINE COMPOUND

## (57)Abstract:

**PROBLEM TO BE SOLVED:** To provide a method for producing an aromatic diamine having a cis-conjugated dienyl group or phenyl group in high yield by reduction reaction under mild conditions from the corresponding aromatic polynitro compound and a new aromatic diamine compound.

**SOLUTION:** This method for producing an aromatic polyamine having at least two amino groups comprises reducing an aromatic polynitro compound having at least two nitro groups by indium metal in the presence of an aqueous solution of a quaternary ammonium salt in a aprotic polar solvent. This aromatic diamine compound is represented by the following formula [3] (wherein either one of R13, R14, R15 and R16 is a monovalent organic group containing a cis-conjugated dienyl group or phenyl group and the others are each hydrogen, a 1-20C alkyl group or 1-20C alkoxy group; Ph is phenylene group).



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of

rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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